

# Report of Inspection/Test

## Environmental Health & Safety

January 01, 2000

**Property**

test

James Field  
113 Draper Hall  
40 Campus Center Way  
University of Mass

**Owner/Agent**

Environmental Health & Safe

117 Draper Hall  
UMass at Amherst, MA 01003  
Tel. (413) 545-2682



**Conducted by:**  
**Inspection Ref: 2537**

**Access**

AHJ

**Owner**

James M. Field  
Environmental Health & S.  
545-5122

**Water Co**

**Building Notes**

Key:

**Inspection Notes**

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### Doors/Lab Safety Card

Yes  No  N/A

Laboratory Safety Information Card is up to date.

Yes  No  N/A

The Lab card indicates that biohazards are present in the lab. These are listed below.

Yes  No  N/A

Other appropriate signs present (i.e., NFPA diamond, gases, flammables, oxidizers, etc.).

Yes  No  N/A

Door windows are not obstructed.

Yes  No  N/A

Doorways are clear and not obstructed.

### Safety

Yes  No  N/A

The drench shower is not obstructed.

Yes  No  N/A

The drench shower has been properly tested.

Yes  No  N/A

Eyewash station(s) is available.

Yes  No  N/A

All eyewash stations are accessible.

Yes  No  N/A

Eyewash stations are "flushed" weekly for at least 3 minutes.

Yes  No  N/A

Fire extinguisher(s) located near lab doors.

Yes  No  N/A

Fire extinguisher(s) not discharged or tampered with.

Yes  No  N/A

Fire extinguisher(s) have current inspection dates.

Yes  No  N/A

First Aid kit is available.

### Signs and Postings

Yes  No  N/A

"CAUTION - EYE PROTECTION REQUIRED"

Yes  No  N/A

Laboratory Safety Rules are posted.

Yes  No  N/A

Emergency telephone numbers available.

Yes  No  N/A

Emergency gas and electrical shutoffs are clearly labeled.

### General Housekeeping

Yes  No  N/A

The laboratory is clean, neat, and orderly.

Yes  No  N/A

Aisles and corridors are free of obstruction and tripping hazards.

Yes  No  N/A

The floor is in good condition.

Yes  No  N/A

Food and beverages are not consumed and cosmetics not applied in the laboratory.

Yes  No  N/A

Doors locked when the lab not in use?

Yes  No  N/A

Chemicals are not discarded into waste baskets or sink drains.

### Radiation Lab Postings

Yes  No  N/A

105CMR 120.000 is present MPH RAD Right to Know

Yes  No  N/A

MRCP 120.175-1 is present.

Yes  No  N/A

CAUTION RAM sign is present.

Yes  No  N/A

Controlled Area sign is present.

### Personal Protective Equipment (PPE)

Yes  No  N/A

All laboratory occupants wear the appropriate eye and/or face protection.

Yes  No  N/A

The protective eyewear meets ANSI standard, Z87.1, as required.

Yes  No  N/A

All laboratory occupants wear appropriate laboratory coats and aprons as needed.

Yes  No  N/A

All laboratory occupants wear appropriate gloves as needed.

Yes  No  N/A

Laboratory visitors are required to wear personal protective equipment as needed.

### General Safety Procedures

Yes  No  N/A

Shorts and open-toed shoes are prohibited without a laboratory coat and foot coverings.

Yes  No  N/A

Loose clothing and long hair is confined to prevent contact with chemicals and equipment.

### Chemical Safety

Yes  No  N/A

Acutely hazardous chemicals outdated.

Print Date: 11/18/2005

*(All "NO" answers are to be fully explained.)*  
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Page 2 of 4

Farak\_email\_PRR\_002034

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### Chemical Safety

Yes  No  N/A      All chemical containers are properly labeled.  
 Yes  No  N/A      All chemicals are stored compatibly.  
 Yes  No  N/A      Flammable liquid storage is kept to an absolute minimum.  
 Yes  No  N/A      Flammable liquids are stored in approved flammable storage cabinets or refrigerators.  
 Yes  No  N/A      Chemicals are not placed or stored on the floor.  
 Yes  No  N/A      All hazardous, toxic, and odiferous chemicals are used in approved fume hoods.  
 Yes  No  N/A      Acutely hazardous chemicals are used with appropriate safeguards.

### Biological Waste

Yes  No  N/A      Sharps are disposed of in sharps containers.  
 Yes  No  N/A      Cultures and stocks are chemically disinfected or autoclaved before disposal.  
 Yes  No  N/A      All biohazard identifiers are removed or covered before disposal.  
 Yes  No  N/A      Lab has necessary materials to properly label sharps containers, medical waste and animal carcasses for pick up.

### Chemical Waste

Yes  No  N/A      Chemical waste is located in a properly identified area.  
 Yes  No  N/A      The chemical waste label clearly identifies the chemical constituents and specific hazards.  
 Yes  No  N/A      Chemical waste containers are closed and in good condition.  
 Yes  No  N/A      Secondary containment is used properly.  
 Yes  No  N/A      Hazardous waste is checked weekly.  
 Yes  No  N/A      Waste requests have been submitted for full containers.

### Fume Hood and Exhaust Systems

     Repair WO Date  
       Repair WO Done Date  
 Yes  No  N/A      Chemical fume hoods and/or bio-safety cabinets have been properly tested.  
 Yes  No  N/A      Chemical fume hoods are being used at proper sash heights.  
 Yes  No  N/A      Chemical fume hoods are not used for storage unless so designated.  
 Yes  No  N/A      Fume hood lights are working.  
 Yes  No  N/A      Fume hood or bio-safety cabinet tested within one year.  
 Yes  No  N/A      Fume hood is being used for research.

### Gas Cylinders

Yes  No  N/A      Gas cylinders are stored compatibly.  
 Yes  No  N/A      All gas cylinders are properly capped or have regulators.  
 Yes  No  N/A      All gas cylinders are properly secured to a stationary bench or wall.  
 Yes  No  N/A      All flammable gas cylinders are located away from doors.  
 Yes  No  N/A      All gas cylinders are located away from electric panels or outlets.  
 Yes  No  N/A      Extremely poisonous gases are used in approved gas cylinder cabinets.  
 Yes  No  N/A      Gas cylinders are transported on appropriate carts with straps or chains.

### Refrigerators

Yes  No  N/A      Flammable liquids are not stored in non-explosion proof refrigerators.  
 Yes  No  N/A      Food and beverages are not stored in laboratory refrigerators.  
 Yes  No  N/A      Refrigerators are clean and maintained.  
 Yes  No  N/A      Freezer are defrosted and clean.

### Electrical Safety

Yes  No  N/A      All electrical equipment is properly grounded.  
 Yes  No  N/A      All electrical cords are in good condition, without splice or defect.

Print Date: 11/18/2005

*(All "NO" answers are to be fully explained.)*  
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Page 3 of 4

Farak\_email\_PRR\_002035

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### Electrical Safety

<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	Electrical outlets are prohibited within chemical fume hoods.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	The electric panel breakers and fuses are properly labeled.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	Electrical cords do not pass through ceilings, doors, or walls.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	Electrical cords are not draped across the laboratory floor.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	Flammable liquids are not potentially near electric ignition sources.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	Acids do not come into close contact with electric ignition sources.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	Guards are provided for all moving parts of electrical equipment (i.e., vacuum pumps).

### Training

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Laboratory personnel have undergone safety training and specific training in the procedures conducted in the lab.	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	[ ] N/A	The laboratory has the Laboratory Health and Safety Manual. MSDS sheets are available.